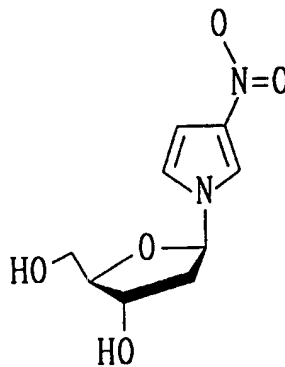


Internal A-rich Stretch Poly (A) Tail

m⁷G ——— ttaaaaaacaaaaagaaaaaaaaa ——— aaaaaaaaaaaaaaaaaaaaaaa...
 * *
 ttttttttttttttttttttt ttttttttttttttttttttt
T_m stable at 37°C -anneals. T_m stable at 37°C -anneals.

FILE - 2A


$$Z = 1-(2'\text{-Deoxy-}\beta\text{-D-Ribofuranosyl})\text{-}3\text{-Nitropyrrole}$$

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Oligo d(T)·Z Primer: 5' d(T)₇·Z·d(T)₉·Z·d(T)₅ 3'

FIG. 2C

<p>Internal A-rich Stretch</p> <p>m⁷G ——— ttaaaaaacaaaaagaaaaaaa ———</p> <p> • * * •</p> <p> tttttzttttttttztttttt</p> <p>T_m unstable at 37°C - does not anneal.</p>	<p>Poly (A) Tail</p> <p>aaaaaaaaaaaaaaaaaaaaa... ———</p> <p> • •</p> <p> tttttzttttttttztttttt</p> <p>T_m stable at 37°C -anneals.</p>
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File 20

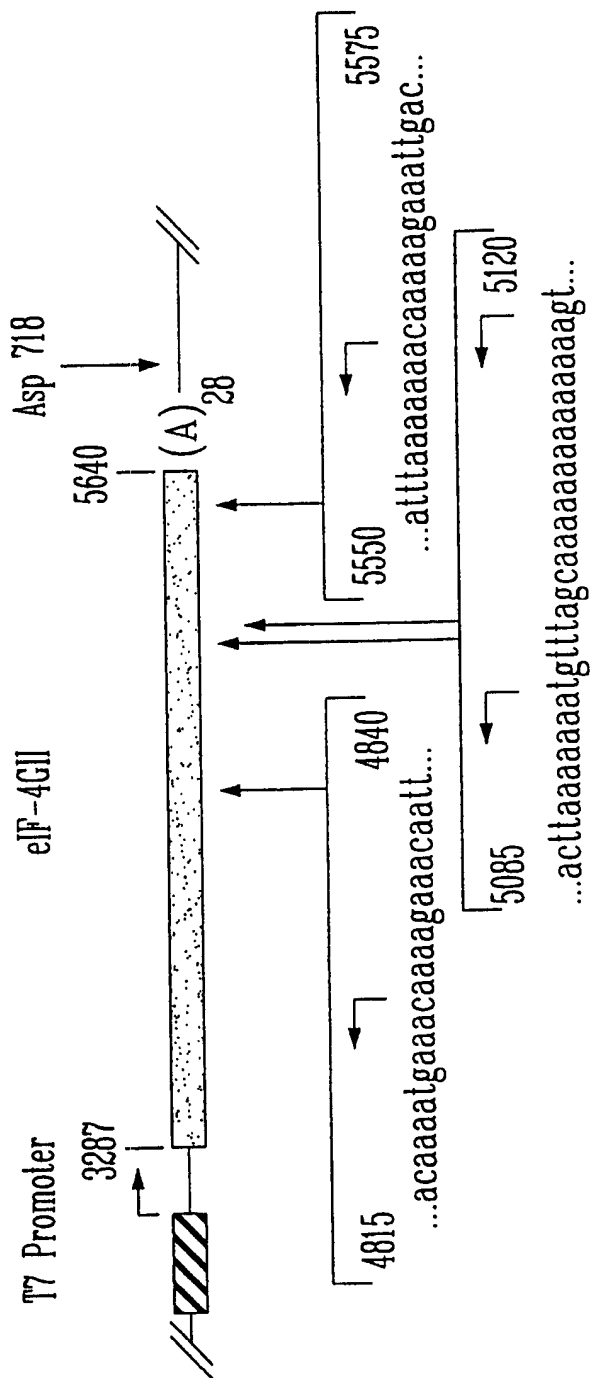


FIG. 3A

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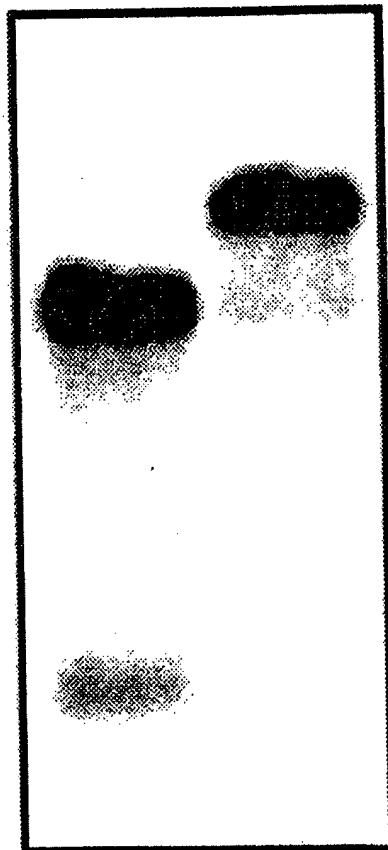
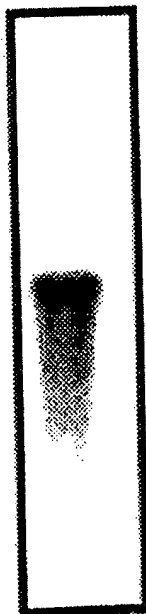
Fig. 3B

Fig. 3C

Oligo d(T)₁₅

Oligo d(T)₁₅•Z

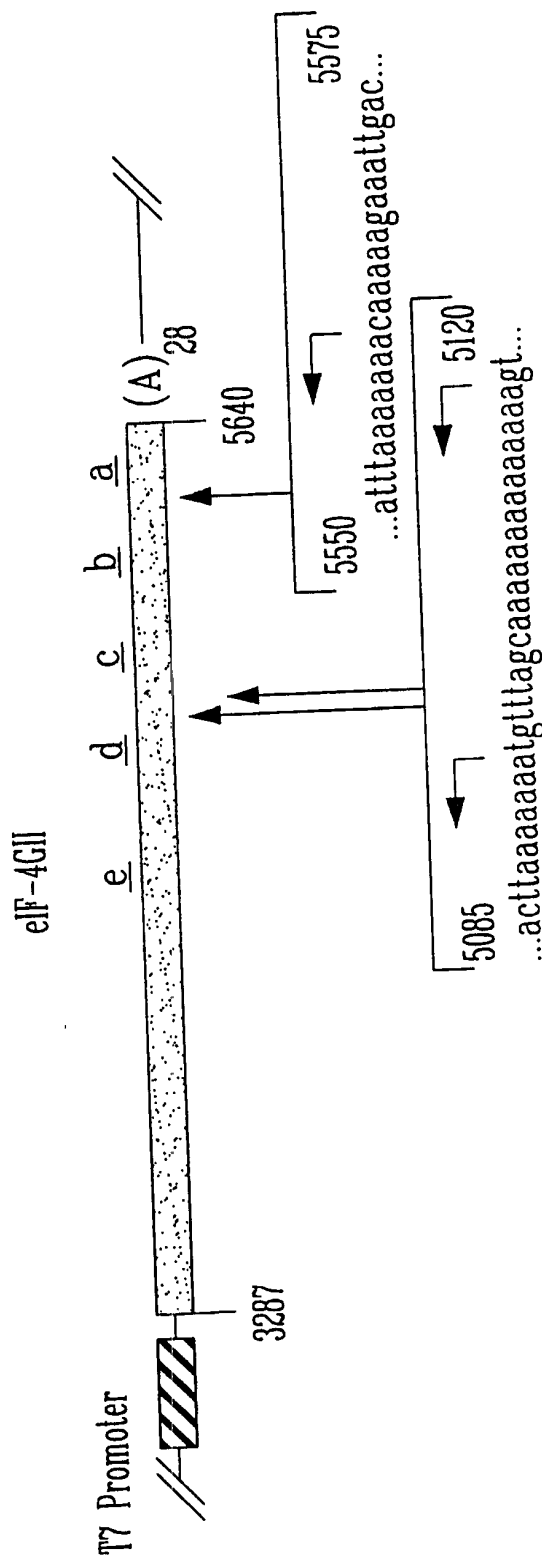
RNA



1

2

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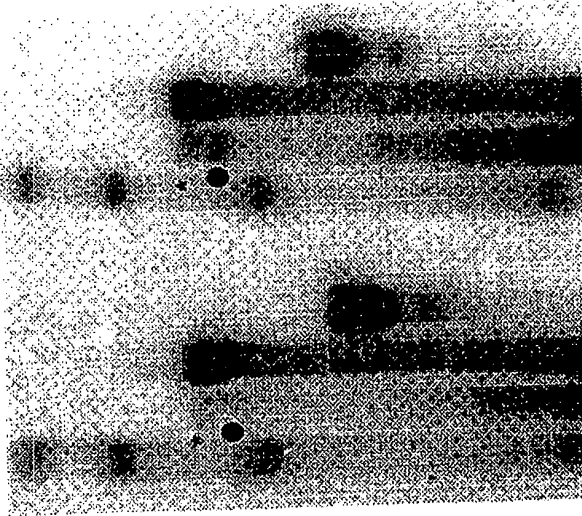
Marker
Oligo d(T)•Z Primed
eIF-4GII DNA
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA

Marker
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA

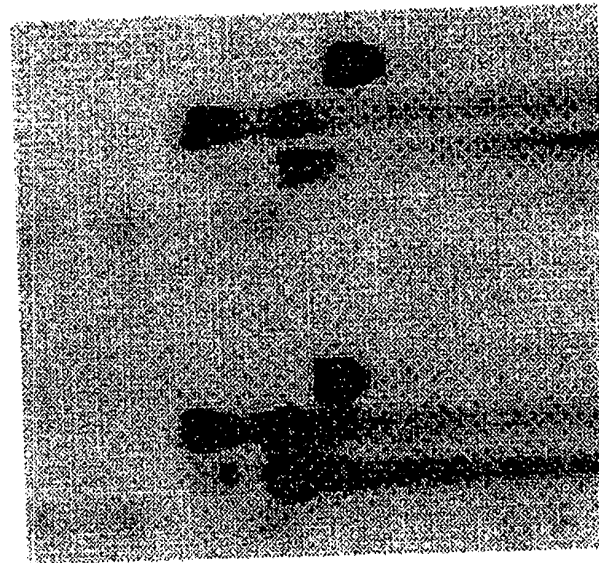
Marker
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA
Oligo d(T) Primed
Oligo d(T)•Z Primed
eIF-4GII DNA



a



b



c

4B

d

e

in

4076—

3058—

2040—

1022—

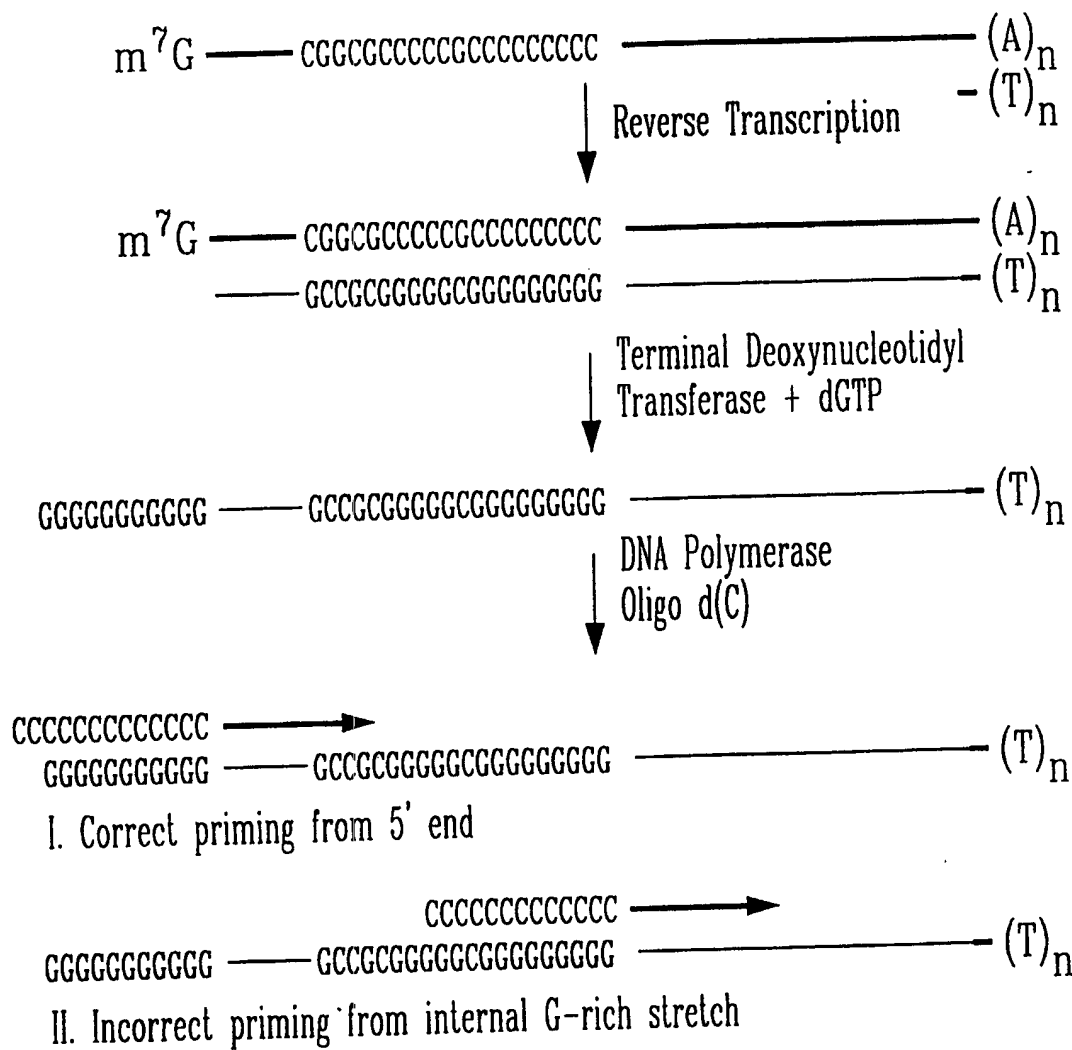


Fig. 5

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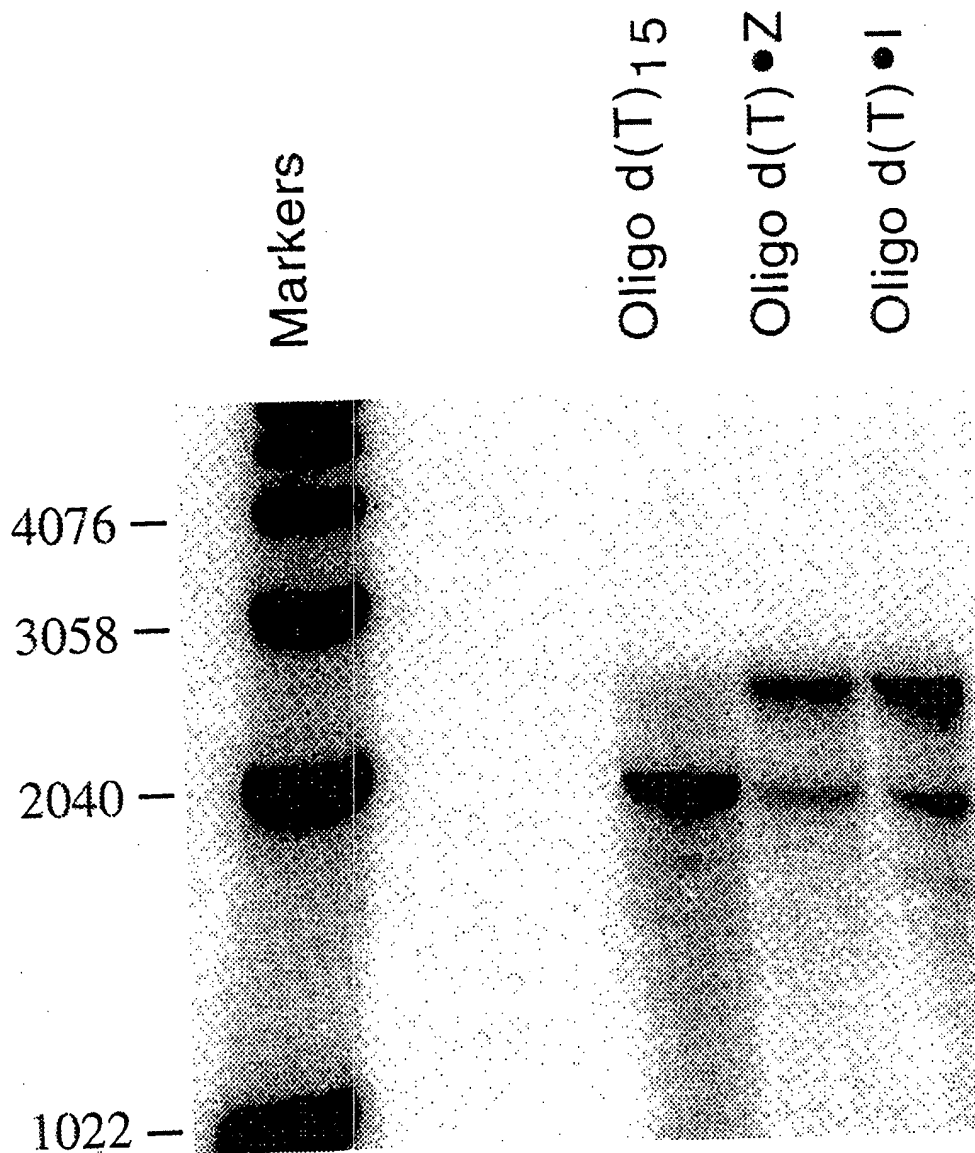


FIG. 6